

# Product Data Sheet

## Aquafleece AF 300

Order No. 2120



Sheet made of polyacrylic fibres, attached to tear-resistant woven fabric made of PP, for its use in irrigated extensive green roof build-ups.

1. During irrigation, water is being distributed over the entire surface due to capillarity
2. Then, at water saturation, precipitation can flow (almost) freely through the sheet.

### Technical Data

#### Aquafleece AF 300

Highly capillary-effective fabric in particular for its use in conjunction with dripperlines in irrigated extensive green roof build-ups.

#### Filter Sheet:

**Material:** 100 % polyacrylic fibres  
**Colour:** green  
**Water absorption capacity:** ca. 3–4 l/m<sup>2</sup>

#### Woven fabric:

**Material:** Polypropylene  
**Colour:** black  
**Tensile strength (200 mm) according to EN ISO 10319 lengthwise / crosswise:** ca. 19.0 / 15.0 kN/m  
**Tensile extension lengthwise / crosswise:** ca. 21 / 17 %  
**Flow rate:** ca. 20 l/(m<sup>2</sup>·s)

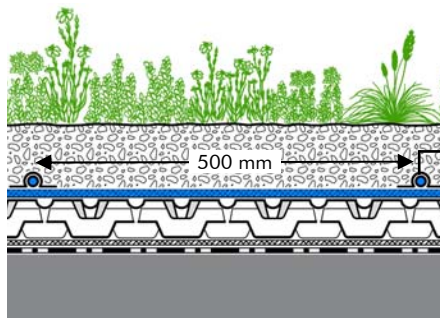
**Total weight:** ca. 300 g/m<sup>2</sup>  
**Total thickness:** ca. 2.4 mm  
**Roll width:** ca. 2.10 m  
**Roll length:** ca. 50.00 m

### Features

- quick water distribution due to high capillarity
- filter stable
- tear-resistant due to carrier material made of woven fabric
- applicable in conjunction with Dripperlines 500-L2 in irrigated extensive green roofs
- the dripperlines are to be fastened to the sheet via hook & loop tape
- quick and easy installation
- non-rotting

### Application Example

#### "Irrigated Extensive Green Roof" with Aquafleece AF 300



Plant community "Rockery Type Plants" or "Meadow Scent"

System Substrate "Rockery Type Plants", from 80 mm  
 Dripperline 500-L2, fastened by means of hook and loop tape  
 Aquafleece AF 300  
 Drainage element (for example Floraset® FS 50)  
 Protection Mat TSM 32  
 Roof construction with root resistant waterproofing

### Specification Suggestion

Capillary-effective fabric made of polyacrylic fibres, water absorption capacity ca. 3–4 l/m<sup>2</sup>, attached to a woven fabric made of polypropylene, water permeability ca. 20 l/(m<sup>2</sup>·s), tensile strength (lengthwise/crosswise) ca. 19.0 / 15.0 kN/m; total weight ca. 300 g/m<sup>2</sup>;

total thickness ca. 2.4 mm; delivery and installation to manufacturer's instructions.

Make: Aquafleece AF 300  
 Enquiries: ZinCo GmbH,  
 Phone: +49 7022 6003-0